BRUHAT BANGALORE MAHANAGARA PALIKE

Yelahanka Project Division

Name of Work ;Package 10. 1. Improvements to Vivekananda Stadium and providing indoor gym eqipments to Hoysala ground in ward no.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 4.improvements to parks in ward No 4 in Yelahanka satellite town sub division

EIRL

Estimate Amount:- Rs 57500000
Approved Amount:- Rs 50009699/-
Name of Contractor:- Sri.N Jagadish
Tender premium:-1.00/-

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount in Rupees	Whether item alternate to item in the tender or whether they are additional item (if, in lieu of the same item in the accepted tender such items should be	Whether the extra item is included in the sanctioned estimate.	How the extra cost of the item is proposed to be met	Whether the extra item is included in the Schedule of rates of the division, if not, data sheet should accompany the rate list.	Remarks
1	2	3	4	5	6	7	8	9	10	11
E1	Supply & fixing of Bicycle : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the	Each	2.00	157812.50	315625.00	ADDITIONAL ITEM	No	General Savings	Data Rate	

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E2	Supply & fixing of Self Weight Rower : All products must tested and certified to ml EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecessive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled	Cum	1.00	208312.50	208313.00	ADDITIONAL ITEM	No	General Savings	Data Rate		
				TOTAL ERIL AMOUNT	523938.00						

Note: Percentage of Extra item over the sanctioned Estimate=Extra item amount over the approved amount/Amount Put to tender x 100

Total cost as per Approved Amount, Rs =	50009699.00
Total cost of EIRL Amount, Rs=	523938.00

$$\text{Percentage of Worslip} = \frac{\text{EIRL Amount}}{\text{Approved Amount}} \times 100$$

% of EIRL =	1.05

Contractor

Assistant Engineer

Assistant Executive Engineer
Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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BRUHATH BANGALORE MAHANAGARA PALIKE

Yelahanka Project Division

Work Slip: As per Std Tender Documents

Name of Work: Package 10. 1. Improvements to Vivekananda Stadium and providing indoor gym eqipments to Hoysala ground in ward no.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 4.improvements to parks in ward No 4 in Yelahanka satellite town sub division

Estimate Amount:- 57,500,000.00
Name of Contractor:- Sri.N Jagadish
Approved amount:- 50009699/-
Tender premium:- 1.00/-

Sl. No.	Description of Work	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
2	Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Cum	112.00	398.36	44617.00	200.34	140.00	398.36	55771.00	60.34	398.36	24037.00	200.34	79808.00	35191.00	0.00	
4	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Cum	33.60	5476.12	183998.00	52.30	42.00	5476.12	229997.00	10.30	5476.12	56423.00	52.30	286420.00	102422.00	0.00	
5	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Cum	162.12	4920.48	797708.00	247.40	202.65	4920.48	997135.00	44.75	4920.48	220211.00	247.40	1217346.00	419638.00	0.00	
7	Construction of embankment with approved material Gravel /Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density.complete as per specifications and directions of the Engineer in charge.	Cum	1405.01	347.95	488867.00	1806.10	1756.26	347.95	611083.00	49.83	347.95	17339.00	1806.10	628422.00	139555.00	0.00	
14	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Cum	75.60	2021.29	152810.00	311.79	94.50	2021.29	191013.00	217.29	2021.29	439211.00	311.79	630224.00	477414.00	0.00	
16	Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications complete as per specifications and directions of the Engineer in charge.	Sqm	85.00	10.91	928.00	105.00	105.00	10.91	1146.00	0.00	10.91	0.00	105.00	1146.00	218.00	0.00	
18	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Cum	85.35	326.15	27837.00	394.13	106.69	326.15	34797.00	287.44	326.15	93748.00	394.13	128545.00	100708.00	0.00	

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Sl. No.	Description of Work	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
19	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Cum	228.12	5665.62	1292441.00	368.61	285.15	5665.62	1615551.00	83.46	5665.62	472841.00	368.61	2088392.00	795951.00	0.00	
21	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Cum	34.02	5980.86	203469.00	86.15	42.53	5980.86	254336.00	43.62	5980.86	260888.00	86.15	515224.00	311755.00	0.00	
22	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Cum	22.51	5914.32	133132.00	28.89	28.14	5914.32	166415.00	0.76	5914.32	4465.00	28.89	170880.00	37748.00	0.00	
25	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles and beams	Cum	2.95	6593.89	19452.00	9.53	3.69	6593.89	24315.00	5.84	6593.89	38498.00	9.53	62813.00	43361.00	0.00	
26	Providing TMT steel reinforcement Fe500 for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. complete as per	MT	0.54	77409.71	41802.00	1.44	0.68	77409.71	52252.00	0.77	77409.71	59567.00	1.44	111819.00	70017.00	0.00	
29	Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.complete as per specifications and directions of the Engineer in charge.	Sqm	15.81	245.43	3881.00	54.79	19.76	245.43	4851.00	35.03	245.43	8597.00	54.79	13448.00	9567.00	0.00	
32	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. complete as per specifications and directions of the Engineer in charge.	Sqm	36.75	111.26	4089.00	1036.80	45.94	111.26	5112.00	990.86	111.26	110245.00	1036.80	115357.00	111268.00	0.00	
35	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Colour glazed tiles 30x45 cms 6mm thick with border of size 30 x 10 cms. complete as per specifications and directions of the Engineer in charge.	Sqm	36.86	1390.77	51264.00	195.14	46.08	1390.77	64080.00	149.07	1390.77	207315.00	195.14	271395.00	220131.00	0.00	
36	Providing and fixing Ceramic tiles of size 400x400mm for flooring, threads, steps and landing, laid on a bed of 20mm thick cement mortar 1:3 mix flush pointing with white cement mixed with matching colour pigment including curing, cleaning etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for equipment, , etc., complete as per specification. complete as per specifications and directions of the Engineer in charge.	Sqm	5.40	1148.61	6203.00	32.35	6.75	1148.61	7754.00	25.60	1148.61	29404.00	32.35	37158.00	30955.00	0.00	

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Sl. No.	Description of Work	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
37	Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test including cost of materials, labour complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Sqm	15.81	1097.34	17350.00	54.83	19.76	1097.34	21687.00	35.07	1097.34	38481.00	54.83	60168.00	42818.00	0.00	
39	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. complete as per specifications and directions of the Engineer in charge.	kgs	37.80	103.63	3918.00	2366.25	47.25	103.63	4897.00	2319.00	103.63	240309.00	2366.25	245206.00	241288.00	0.00	
41	SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm fro styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 m.m Aluminium hinges. complete as per specifications and directions of the Engineer in charge.	Sqm	4.73	3029.15	14328.00	9.45	5.91	3029.15	17910.00	3.54	3029.15	10716.00	9.45	28626.00	14298.00	0.00	
42	Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. complete as per specifications and directions of the Engineer in charge.	No	2.00	5406.00	10813.00	4.00	2.50	5406.00	13516.00	1.50	5406.00	8109.00	4.00	21625.00	10812.00	0.00	
43	Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm with 5 litres PVC automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11Specification No. KBS 11	No	2.00	3350.94	6702.00	4.00	2.50	3350.94	8378.00	1.50	3350.94	5026.00	4.00	13404.00	6702.00	0.00	
44	Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. complete as per specifications and directions of the Engineer in charge.	No	2.00	4370.84	8742.00	6.00	2.50	4370.84	10928.00	3.50	4370.84	15298.00	6.00	26226.00	17484.00	0.00	

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Sl. No.	Description of Work	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
45	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia complete as per specifications and directions of the Engineer in charge.	Each	4.00	163.62	655.00	8.00	5.00	163.62	819.00	3.00	163.62	491.00	8.00	1310.00	655.00	0.00	
46	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of acquirements and testing complete as per specifications. - 160mm dia complete as per specifications and directions of the Engineer in charge.	m	20.00	930.45	18610.00	60.00	25.00	930.45	23262.00	35.00	930.45	32566.00	60.00	55828.00	37218.00	0.00	
47	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal OD pipes	m	25.00	319.60	7991.00	324.00	31.25	319.60	9988.00	292.75	319.60	93564.00	324.00	103552.00	95561.00	0.00	
49	Constructing brick masonry inspection chamber 600x850mm, and 450mm depth, (clear inside dimension) for pipeline with three or more inlets, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal , foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finished smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS and KSRB 12-8.3.1 : Extra for item no. KSRB12-8.3 depth beyond 450mm and brick masonry chamber with table moulded non-modular bricks of class designation 50 in cement mortar 1:5 for every 150mm depth or part thereof including cost of materials, labour charges, curing complete as per specifications.complete as per specifications and directions of the Engineer in charge.	each	2.00	10877.46	21755.00	8.00	2.50	10877.46	27194.00	5.50	10877.46	59826.00	8.00	87020.00	65265.00	0.00	
50	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1000 litre capacity) complete as per specifications and directions of the Engineer in charge.	each	2.00	7447.98	14896.00	3.00	2.50	7447.98	18620.00	0.50	7447.98	3724.00	3.00	22344.00	7448.00	0.00	
58	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. complete as per specifications and directions of the Engineer in charge.	No	438.00	445.05	194931.00	1415.00	547.50	445.05	243663.00	867.50	445.05	386078.00	1415.00	629741.00	434810.00	0.00	
61	Providing and supplying monoblock single phase motor 1 HP / 0.75 stage as per the directions of engineer in charge complete as per specifications and directions of the Engineer in charge.	each	1.00	9030.41	9031.00	1.00	1.00	9030.41	9031.00,	0.00	9030.41	0.00	1.00	9031.00	0.00	0.00	
92	Dismantling barbed wire or flexible wirer rope in fencing including making rolls and stacking within 50m lead. including cost of materials, labour, HOM complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Mtr	481.54	7.49	3609.00	484.14	484.14	7.49	3629.00	0.00	7.49	0.00	484.14	3629.00	20.00	0.00	

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
93	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Cum	970.42	480.70	466481.00	1179.19	1213.03	480.70	583101.00	-33.84	480.70	-16265.00	1179.19	566836.00	100355.00	0.00	
94	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Cum	482.19	5560.70	2681313.00	514.98	514.98	5560.70	2863640.00	0.00	5560.70	0.00	514.98	2863640.00	182327.00	0.00	
97	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.complete as per specifications and directions of the Engineer in charge	Cum	119.95	5870.10	704119.00	130.82	130.82	5870.10	767898.00	0.00	5870.10	0.00	130.82	767898.00	63779.00	0.00	
108	Fabricating, providing and erecting in position of MS Hot Dip Galvanised Sq. Hallow Poles of 132 X 132 Heavy gauge of length 3000mm with MS. Hot dip Galvanised grill work as per approved design and drawing of chief architect. Using 12 X 75mm galvanised flat for alround frame and 20 X 20mm galvanised forged design with square for vertical at 150mm c/c as shown in the drawing including providing forged ornamental arrowhead at top and bottom. The work is inclusive of throughing flat, square rods, placing welding all the joints, including grinding, finishing 2 coats of anticorrosive paint over one coat of metal primer. The rate is inclusive of all materials like MS. Hollow galvanized pipe, flats, forged square rods, cost of labour for all items of work cost painting, welding, cutting, grinding with all lead and lift as per specification including loading and unloading with cost and conveyance of all materials, labour, machinery andincidental charges for the successful completion of the work as per the direction of the Engineer-in-charge of the work. (Data Rate)	Rmt	692.00	9235.44	6390925.00	1605.90	865.00	9235.44	7988656.00	740.90	9235.44	6842491.00	1605.90	14831147.00	8440222.00	0.00	
109	Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72 X 72 X 4.8mm Sq. GI Pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised sq. rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 75X12 mm and 50X6 mm arch bend to hot dip galvanised flats. The work is inclusive of throughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal putty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq. pipe, GI sq. rods, GI forged designs etc., heavy duty hinges are made out of 75mm solid sq. block assembled with 20mm dia bearing in three places for each flop. Heavy Duty Locking arrangements at tow places including cost of labour, painting, erecting charges using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per	Rmt	12.50	12599.75	157497.00	108.77	15.63	12599.75	196872.00	93.15	12599.75	1173635.00	108.77	1370507.00	1213010.00	0.00	
110	Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per pecifications. complete as per specifications and directions of the Engineer in charge.	Cum	457.52	122.21	55914.00	842.10	571.90	122.21	69892.00	270.20	122.21	33021.00	842.10	102913.00	46999.00	0.00	
112	Dismantling Kerb stone by manual means and disposal of dismantled materials with all lifts and complete as per specifications. MORTH Specification No. 202 .complete as per specifications and directions of the Engineer in charge	m	1570.23	12.85	20174.00	1991.80	1962.79	12.85	25217.00	29.01	12.85	373.00	1991.80	25590.00	5416.00	0.00	

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	Description of Work	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
113	Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms). Including cost of materials, labour , HOM complete as per specifications and directions of the Engineer in charge.	Sqm	2105.36	92.07	193844.00	2556.86	2556.86	92.07	235415.00	0.00	92.07	0.00	2556.86	235415.00	41571.00	0.00	
114	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of the Engineer in	Cum	48.21	5704.16	274998.00	73.36	73.36	5704.16	418440.00	0.00	5704.16	0.00	73.36	418440.00	143442.00	0.00	
124	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and directions of the Engineer in charge.5km lead= 57+2.0x1.28x5 =69.80	Cum	526.31	209.68	110355.00	761.53	761.53	209.68	159675.00	0.00	209.68	0.00	761.53	159675.00	49320.00	0.00	
125	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification and directions of the Engineer in charge.-WALL & Bottom thickness 15Cm.	Cum	9.29	7140.90	66339.00	14.41	11.61	7140.90	82924.00	2.80	7140.90	19977.00	14.41	102901.00	36562.00	0.00	
127	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons and directions of the Engineer in charge	Sqm	108.32	276.21	29920.00	23.04	135.40	276.21	37400.00	-112.36	276 21	-31035.00	23.04	6365.00	-23555.00	0.00	
128	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs.complete as per specificaitons and directions of the Engineer in charge	Sqm	29.16	428.24	12488.00	106.75	36.45	428.24	15610.00	70.30	428.24	30105.00	106.75	45715.00	33227.00	0.00	
					50009699.00										7432301.00		

Note: Percentage of Workslip over the sanctioned Estimate=Excess amount over the approved amount/ Approved Amount x 100

Approved Amount =	50009699.00
Excess Amount =	7432301.00
Savings Amount =	16392295.00

Percentage of Worslip = Excess Amount / Approved Amount x 100

Percentage of Worslip =	14.86	%

Contractor

Assistant Engineer

Assistant Executive Engineer

Executive Engineer

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

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ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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